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Notice of Allowability

Application No.

10/748,360

Applicant(s)

HANDELSMAN ET AL.

Examiner

Ehud Gartenberg

Art Unit

3746

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 12/31/2003.
2. ☒ The allowed claim(s) is/are 1-20.
3. ☒ The drawings filed on 30 December 2003 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|---|
| 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date <u>12/30/2003</u> | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Robert Reeser on 4/18/2005.

Claim 1 has been amended as follows:

On I. 3 of the claim, "amplitude;" has been changed to -- amplitude based on a signal that is proportional to an average dynamic pressure level within the combustor;

Claim 2 has been amended as follows:

on I. 2 of the claim, "rings" have been changed to -- burner rings --;

on I. 3 of the claim, "ring" has been changed to -- burner ring --.

Claim 3 has been amended as follows:

on I. 3 of the claim, "ring" has been changed to -- burner ring--.

Claim 8 has been amended as follows:

On I. 6 of the claim, "then at" has been changed to -- then perform at -- -.

Claim 9 has been amended as follows:

on l. 2 of the claim, "rings" have been changed to -- burner rings --;

on l. 7 of the claim, "controller;" has been changed to -- controller accepting an
input that is proportional to an average dynamic pressure level within the combustor; --

on l. 8 of the claim, "coupled" has been changed to -- operationally coupled --;

on l. 9 of the claim, "configured to control" has been changed to -- controlling --

on l. 9 of the claim, "ring" has been changed to -- burner ring --.

Claim 14 has been amended as follows:

On l. 4 of the claim, "rings" have been changed to -- burner rings --.

Claim 16, p. 13, has been amended as follows:

On l. 4 of the page, "rings" have been changed to -- burner rings --;

On l. 7 of the page, "coupled" has been changed to -- operationally coupled --;

On l. 8 of the page, "sensor;" has been changed to -- sensor and accepting an
input that is proportional to an average dynamic pressure level within the combustor; --

On l. 9 of the page, "coupled" has been changed to -- operationally coupled --;

On l. 9 of the page, "configured to control" has been changed to -- controlling --;

On l. 10 of the page, "ring." has been changed to -- ring burner. --

Claim 19 has been amended as follows:

On l. 3 of the claim, "ring" has been changed to -- burner rings --.

Allowable Subject Matter

2. Claims 1-20 are allowed.

3. The following is an examiner's statement of reasons for allowance: prior art does not teach in combination with the other limitations of the independent claims basing the fuel control system on an input from an acoustic sensor that is processed to be proportional to an average dynamic pressure level within the combustor (the prior art teaches inputs that are frequency-specific dependent).

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

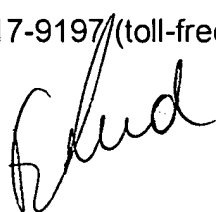
Conclusion

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Ryan 6742341, Tegel 6354071.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ehud Gartenberg whose telephone number is 571 272 4828. The examiner can normally be reached on Monday-Thursday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Cheryl Tyler can be reached on 571 272 4834. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Ehud Gartenberg
Primary Examiner
Art Unit 3746

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